

NOTICE

All drawings located at the end of the document.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE FINAL PHASE I RFI/RI WORK PLAN FOR OPERABLE UNIT 5 WOMAN CREEK PRIORITY DRAINAGE	Manual No.: Procedure No.: Page: Effective Date: Organization:	21100-WP-OU 05.1 Table of Contents, Rev 8 1 of 2 12/16/94 Environmental Management
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ADD



25. DMR. No. 94-DMR-ERM-0144

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BY NA
DATE NA

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for both the stability analysis and the groundwater modeling. Depth-to-bedrock data will be used to revise the bedrock topography in OU5.

To facilitate the access of the hollow-stem auger drill rig to the geotechnical borings located in the central landslide area, the subcontractor will coordinate with EG&G Construction Management, Heavy Equipment and Labor, Trucking, and Ecology and Watershed Management for the purpose of constructing a temporary fill road. The temporary fill road will be located as shown on Figure 3.1.2.2-1. The temporary fill road will be placed without excavating or disturbing the existing hillside to allow level access for the drill rig to the boring location. Heavy Equipment and Labor and Trucking will provide the necessary heavy equipment consisting of, but not limited to, a front-end loader, dump truck, and bulldozer. Clean fill material will be provided by Heavy Equipment and Labor and compacted in place with the bulldozer or front-end loader. Ecology and Watershed Management will clear the access route and provide direction regarding reseeding and revegetating the fill material at completion of the task. Access to the temporary fill road will be blocked by trenching at the east end of each fill material placement area upon completion of the task.

Core samples will be retained in core boxes and logged in accordance with SOP GT.1. Logging Alluvial and Bedrock Material. Core samples will not be submitted for environmental chemical analysis. However, if field screening indicates the potential for contaminants, environmental samples will be collected for analysis for OU5 target analytes (Table 3.1.2-1). Soil cuttings generated from within IHSS 115 will be composite sampled, one per four drums, and managed in accordance with the following SOPs: FO.8, Handling of Drilling Fluids and Cuttings; FO.10, Receiving, Labeling, and Handling Environmental Material Containers; FO.23, Management of Soil and Sediment Investigative Derived Materials (IDM); and FO.29, Disposition of Soil and Sediment Investigation Derived Materials. Boreholes located outside of IHSS 115 and adjacent

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to borings or wells drilled in 1993 that indicate no contamination will have the soil cuttings handled in accordance with SOP FO.23, Management of Soil and Sediment Investigative Derived Materials (IDM), for removal to the landfill.

Field quality control (QC) samples will be collected for both soil and groundwater samples. Duplicate samples will be collected with the frequency of one duplicate sample per 10 real samples. Rinsate samples will be collected with the frequency of one rinsate sample per 20 real samples or a minimum of one rinsate sample per day of sampling.

As part of the groundwater investigation, nine geotechnical borehole locations (Figure 3.1.2.2-1) will have two-inch nominal diameter PVC piezometers installed. If sufficient groundwater is present, the piezometers will be sampled on a quarterly basis for one year for OU5 target analytes (Table 3.1.2-1). These piezometers will provide water level data for the hydrogeologic model. The piezometers will be installed in accordance with SOP GT.6, Monitoring Wells and

